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RAW SEQUENCE LISTING

DATE: 02/06/2002

PATENT APPLICATION: US/09/981,271A

TIME: 11:24:58

Input Set : A:\ES.txt

Output Set: N:\CRF3\02062002\I981271A.raw

ENTERED

2 <110> APPLICANT: Achilefu, Samuel I.
3 Bugaj, Joseph E.
4 Dorshow, Richard B.
5 Rajagopalan, Raghavan
7 Mallinckrodt Inc.
9 <120> TITLE OF INVENTION: Tumor Targeted Photodiagnostic-Phototherapeutic Agents
11 <130> FILE REFERENCE: MRD-72
13 <140> CURRENT APPLICATION NUMBER: US/09/981,271A
14 <141> CURRENT FILING DATE: 2001-10-17
16 <160> NUMBER OF SEQ ID NOS: 8
18 <170> SOFTWARE: PatentIn Version 3.1
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 8
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <221> NAME/KEY: MOD RES
27 <222> LOCATION: (1)...(8)
28 <223> OTHER INFORMATION: Xaa at location 1 represents D-Phe. Artificial sequence is
29 completely synthesized.
30 <223> OTHER INFORMATION: Xaa at locations 2 and 7 represents Cys with an
31 intramolecular disulfide bond between two Cys
32 amino acids. Artificial sequence is completely synthesized.
33 <223> OTHER INFORMATION: Xaa at location 4 represents D-Trp. Artificial sequence is
34 completely synthesized.
36 <400> SEQUENCE: 1
37 Xaa Xaa Tyr Xaa Lys Thr Xaa Thr
38 1 5
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 8
43 <212> TYPE: PRT
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <221> NAME/KEY: MOD RES
48 <222> LOCATION: (1)...(8)
49 <223> OTHER INFORMATION: Xaa at location 1 represents D-Phe. Artificial sequence is
50 completely synthesized.
51 <223> OTHER INFORMATION: Xaa at locations 2 and 7 represents Cys with an
52 intramolecular disulfide bond between two Cys
53 amino acids. Artificial sequence is completely synthesized.
54 <223> OTHER INFORMATION: Xaa at location 4 represents D-Trp. Artificial sequence is
55 completely synthesized.
56 <223> OTHER INFORMATION: Xaa at location 8 represents Thr-OH. Artificial sequence is

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57 completely synthesized.

59 <400> SEQUENCE: 2

60 Xaa Xaa Tyr Xaa Lys Thr Xaa Xaa

61 1 5

64 <210> SEQ ID NO: 3

65 <211> LENGTH: 11

66 <212> TYPE: PRT

67 <213> ORGANISM: Unknown

69 <220> FEATURE:

W--> 70 <221> NAME/KEY: MOD RES

71 <222> LOCATION: (1)...(11)

72 <223> OTHER INFORMATION: Bombesin analog

74 <400> SEQUENCE: 3

75 Gly Ser Gly Gln Trp Ala Val Gly His Leu Met

76 1 5 10

79 <210> SEQ ID NO: 4

80 <211> LENGTH: 11

81 <212> TYPE: PRT

82 <213> ORGANISM: Unknown

84 <220> FEATURE:

W--> 85 <221> NAME/KEY: MOD RES

86 <222> LOCATION: (1)...(11)

87 <223> OTHER INFORMATION: Bombesin analog

89 <400> SEQUENCE: 4

90 Gly Asp Gly Gln Trp Ala Val Gly His Leu Met

91 1 5 10

94 <210> SEQ ID NO: 5

95 <211> LENGTH: 8

96 <212> TYPE: PRT

97 <213> ORGANISM: Unknown

99 <220> FEATURE:

W--> 100 <221> NAME/KEY: MOD RES

101 <222> LOCATION: (1)...(8)

102 <223> OTHER INFORMATION: Cholecystokinin octapeptide analogs

104 <400> SEQUENCE: 5

105 Asp Tyr Met Gly Trp Met Asp Phe

106 1 5

109 <210> SEQ ID NO: 6

110 <211> LENGTH: 8

111 <212> TYPE: PRT

112 <213> ORGANISM: Artificial Sequence

114 <220> FEATURE:

W--> 115 <221> NAME/KEY: MOD RES

116 <222> LOCATION: (1)...(8)

117 <223> OTHER INFORMATION: Xaa at locations 3 and 6 represents Norleucine. Artificial

118 sequence is completely synthesized.

120 <400> SEQUENCE: 6

W--> 121 Asp Tyr Xaa Gly Trp Xaa Asp Phe

122 1 5

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Input Set : A:\ES.txt

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134 <222> LOCATION: (1)...(8)
135 <223> OTHER INFORMATION: Xaa at location 1 represents D-Asp. Artificial sequence is
136 completely synthesized.
137 <223> OTHER INFORMATION: Xaa at locations 3 and 6 represents Norleucine. Artificial
138 sequence is completely synthesized.
140 <400> SEQUENCE: 7
W--> 141 Xaa Tyr Xaa Gly Trp Xaa Asp Phe
142 1 5
145 <210> SEQ ID NO: 8
146 <211> LENGTH: 8
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
W--> 151 <221> NAME/KEY: MOD RES
152 <222> LOCATION: (1)...(8)
153 <223> OTHER INFORMATION: Xaa at location 1 represents D-Lys. Artificial sequence is
154 completely synthesized.
156 <400> SEQUENCE: 8
W--> 157 Xaa Pro Arg Arg Pro Tyr Ile Leu
158 1 5

VERIFICATION SUMMARY

DATE: 02/06/2002

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Input Set : A:\ES.txt

Output Set: N:\CRF3\02062002\I981271A.raw

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L:37 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:47 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:70 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:85 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:4
L:100 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:5
L:115 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:6
L:121 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:133 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:7
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:151 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:8
L:157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8